



DEPARTMENT OF THE NAVY  
BUREAU OF MEDICINE AND SURGERY  
2300 E STREET NW  
WASHINGTON DC 20372-5300

IN REPLY REFER TO

BUMEDINST 5420.19  
BUMED-04  
11 May 98

BUMED INSTRUCTION 5420.19

From: Chief, Bureau of Medicine and Surgery  
To: Ships and Stations Having Medical Department Personnel

Subj: NAVAL DIAGNOSTIC IMAGING AND RADIOTHERAPY BOARD (NAVDIRB)

1. Purpose. To establish a Naval Diagnostic Imaging and Radiotherapy Board (NAVDIRB) within the naval service to evaluate new and emerging medical imaging and radiotherapy technologies, and to recommend short and long range planning and acquisition strategies for radiographic, nuclear medicine, ultrasound diagnostic imaging, radiotherapy, and related support equipment.

2. Scope. The NAVDIRB will serve as the Chief, Bureau of Medicine and Surgery's (BUMED) appointed representative when called upon or directed to participate in Office of the Assistant Secretary of Defense, (Health Affairs) and quad-service forums that evaluate and assess technology, coordinate policy development, technology implementation, and acquisition issues. The establishment of the NAVDIRB provides Navy Medicine with a technically and clinically educated board composed of clinical and administrative personnel participating in the decision process to identify and introduce new imaging technologies, to evaluate cost-effective alternatives to these technologies, and to determine equipment replacement cycles.

3. Policy. The NAVDIRB will advise Chief, BUMED on diagnostic imaging and radiotherapy equipment standards, equipment and facility-specific criteria, equipment life cycle management, shipboard and Fleet Marine Force equipment requirements, and medical treatment facility (MTF) equipment replacement prioritization. The NAVDIRB will review all requests for equipment covered by this instruction to include equipment that falls below the investment equipment threshold. The NAVDIRB will thoroughly evaluate command requests and forward final recommendations to Chief, BUMED.

4. Background. A concentrated, focused approach is needed to determine which emerging imaging technologies should be introduced to Navy Medicine and how best to upgrade or replace existing technologies. This decision process may begin with the local command's recommendations on diagnostic imaging equipment needed to support physician scope of practices and procedures. The recommendation shall be coordinated by the Naval Medical Logistics Command (NAVMEDLOGCOM) who will in turn forward all requests to the NAVDIRB, a board composed of selected specialty leaders appointed by the Surgeon General. These specialty leaders will represent their own subspecialty or modality and

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provide unbiased clinical and technical evaluations of local command requests. The NAVDIRB'S approach to the equipment decision process will enhance, optimize, and improve Navy health care services.

5. Mission and Functions. The NAVDIRB is vested with the responsibility for leadership and direction of Navy diagnostic imaging and radiotherapy strategic planning activities. It shall:

a. Direct planning for acquisition of all diagnostic imaging and radiotherapy equipment using ionizing or nonionizing radiation, electromagnetic waves, or ultrasonic waves to produce a diagnostic image, or which is used as a part of a therapeutic treatment for all MTFs.

b. Review all new equipment requirements to ensure conformance to the Diagnostic Imaging and Radiotherapy Strategic Plan; and liaison with other Services as necessary.

c. Technically and clinically evaluate emerging imaging and treatment technologies for potential adoption by Navy Medicine; program and schedule fielding as appropriate.

d. Provide technical expertise and input to large multiyear contracts to ensure "Best Value" procurement of diagnostic imaging and radiotherapy equipment, and actively participate in equipment evaluation and selection.

e. Provide specialty leader technical approval authority on all equipment requests referred for action. This technical approval will be based on analysis of the requesting command's mission, staffing, workload, location, equipment density, cost effectiveness, and conformance with Navy Medicine's strategic objectives.

f. Provide recommendations to Chief, BUMED on strategic plans for diagnostic imaging and radiotherapy, and on capital equipment procurements.

6. Membership

a. Voting Members

Chairman (Surgeon General's Specialty Leader for Diagnostic Radiology).

Specialty Leader for Nuclear Medicine.

Specialty Leader for Radiation Oncology.

Specialty Leader for Radiation Health/Radiation Specialist.

Specialty Leader for Cardiology.

Commanding Officer, NAVMEDLOGCOM/Assistant Chief for Logistics.  
Commanding Officer, NAVMEDINFOMGMTCEN/Special Assistant For Management Information Systems.  
Assistant Chief for Resource Management/Comptroller representative.  
Fleet and Fleet Marine Force Representatives (as needed).

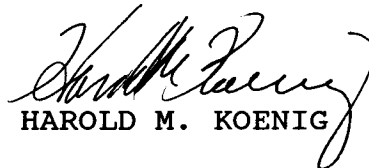
b. Nonvoting Members. Selected specialty leaders and other key personnel. These may include, but are not limited to:

Radiologists appointed by the chairman.  
Radiation physicists appointed by the chairman.  
Health/radiation specialists appointed by the chairman.  
Other medical specialties.  
Director, Telemedicine Program Office.  
Director, Joint Imaging Technology Program Office.  
Investment Equipment Program Manager (NAVMEDLOGCOM).  
Recorder/administrative coordinator (provided by NAVMEDLOGCOM).

## 7. Actions

a. Chairman, NAVDIRB. Convene the NAVDIRB semiannually or as necessary to review technological innovations, equipment, and facility requests for routine and emergent capital equipment replacement or upgrade and health care provider recommended changes in practices, procedures, and policies. Submit meeting minutes to Chief, BUMED for comment and approval.

b. Commanding Officer, NAVMEDLOGCOM/Assistant Chief for Logistics. Provide the NAVDIRB recorder or administrative coordinator. Receive, review, and prepare MTF equipment request packages submitted for board action. Provide other administrative assistance to the chairman as requested.



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Available at:  
<http://support1.med.navy.mil/bumed/instruct/external/external.htm>